



THINK GREEN

In a steel world



AMB

GREEN SOLUTIONS



AMB has always stood out for its commitment to find the best environmental solutions to improve the productivity and simultaneous reduce the management and the maintenance cost, anticipating what will be need in a world increasingly focused on energy saving and efficiency

ELECTRICAL FIELD



AMB has developed a new line of inverter able to feed motors up to 10.000A.

This technology in combination with the high-efficiency motors is able to consume 10% less compared to a D.C. drive with the same power.

AMB inverters have also a different architecture which allow you to save on distribution panels and cable routing.



MECHANICAL FIELD



Steel industry is one of the biggest producer of pollution above all the industries.

It has an high environment impact because of its polluting process which involved water and air .

For these reasons it's necessary studing elements which can reduce the CO₂ emissions, energy consumption and the waste of water.

AMB & FURNACE

One of the most important element where we can work to reduce the environmental impact is the reheating furnace. Thanks to the following measures we can reduce the CO₂ emissions.

- Burners that optimize combustion thus reducing consumption
- Furnace insulation structures to reduce heat loss in the environment
- Automatic regulation system to optimize the combustion
- Control system of CO₂ emission

AMB & WTP

It's very important for steel industry embrace a circular approach to avoid wasting water.

AMB can help you designing a Water Treatment Plant, which is a system to purify the water from the polluted substances before releasing it into the environment or reusing it in the production cycle.

Each plant is realize ad hoc based on customer's needs.



CORPORATE COMMITMENT



Working in such a polluting sector, we know how important it is also in our small reality to adopt solutions to make the company as sustainable as possible.

The idea is therefore to adopt strategies for improving energy efficiency through the use of

alternative and renewable energy

in a perspective of reducing waste and enhancing ecosystems.

We strongly believe that if we all work together, we can do something meaningful for our world



For these reasons, our company adopted solutions aimed at improving energy efficiency that concern lightning systems, electrical boiler (we have totally removed the gas), charging stations for electric cars.
ALL POWERED BY OUR SELF-PRODUCED ENERGY
thanks to photovoltaic panels on our rooftop.



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